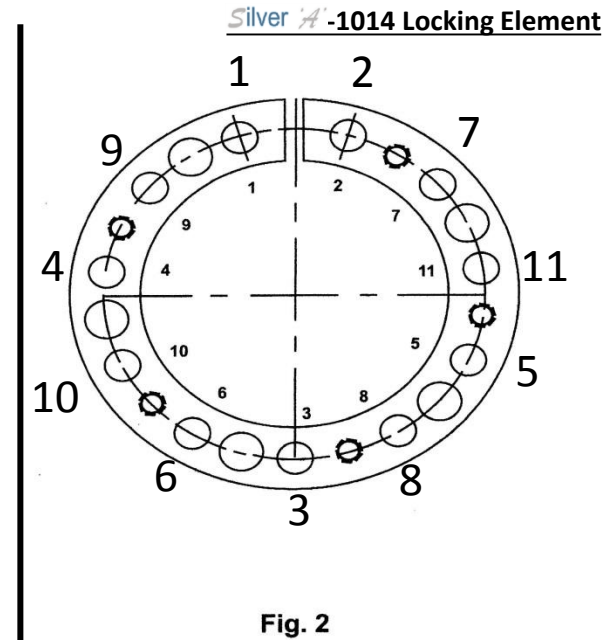
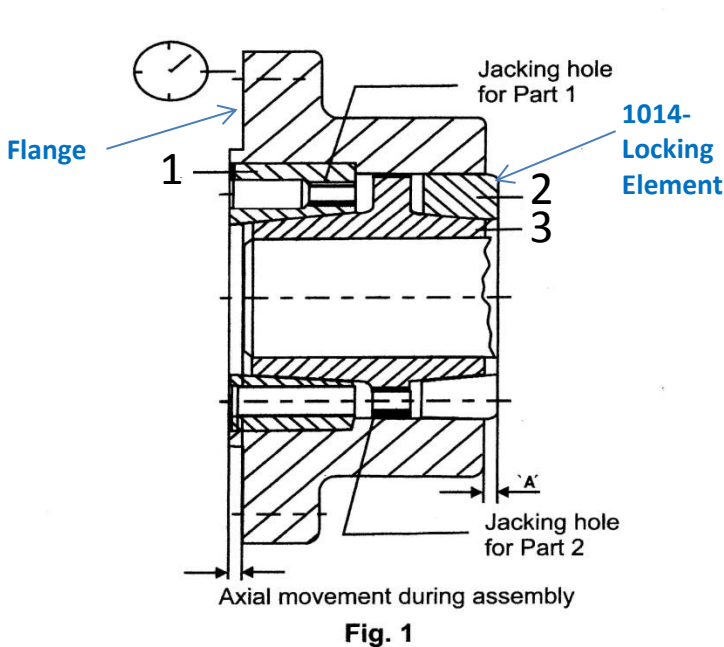


# Silver 'A' Rigid Flange Coupling Installation Data

## Sequence torque - Installation



**(NB!! Must be fitted & dismantled by qualified personnel)**

### Assemble

1. Release all bolts a few turns and transfer at least 3 bolts into each of the tapped holes of part 1 and 3 in order to keep a gap between parts 1 & 2 spaced from 3. The Silver 'A' -1014 has a self locking taper.
2. Lubricate the locking ring (machine oil) before installation (do not use Molybdenum disulfide MoS2!)
3. After installing onto shaft, transfer the bolts from the jacking holes in parts 1 & 3 into the taped holes of part 2.
4. Before tightening the bolts turn the connecting flange until the split is vertical on the topside of the shaft (Fig 2)
5. Hand tighten the bolts progressively, starting next to the split and alternating diagonally (Fig 2). Check the run out and dimension "A" for equal distance. Correct any misalignment. At this point the run out should not exceed 0,05 at the face of the coupling. Excessive misalignment can cause permanent damage to the unit.
6. Then proceed with a torque wrench progressively until the torque setting has been reached. Check final run-out and as a guide line the run out could be 0,05 to 0,10
7. A slight axial movement will occur during this process (+ - 1mm). Verify the bolt torque (TA) from the catalogue and do not exceed.

### Dismantling

1. Release all bolts, and transfer as many bolts into jacking holes in part 1 & 3 (tapped holes)
2. Progressively tighten the bolts in the jacking holes, right and left from the split until the assemble comes free (Fig 2)

### Technical information

The Silver 'A' 30 Flange coupling consists of 2 x connection flanges: 10-Male, 20-Female, which are locked onto the shaft by The intergrated Silver 'A' -1014 locking ring, which transmits the torque by friction. The Silver 'A' 30 coupling can accommodate Bore diameters from 50mm to 290mm. All the parts of the Silver 'A' -1014 locking unit are split and have a self-locking taper. No fretting, corrosion will occur on the locked contact surfaces.

**(NB!! Must be fitted & dismantled by qualified personnel)**